# PAMS Technical Documentation
# NSB-8 Series Transceivers

# Accessories


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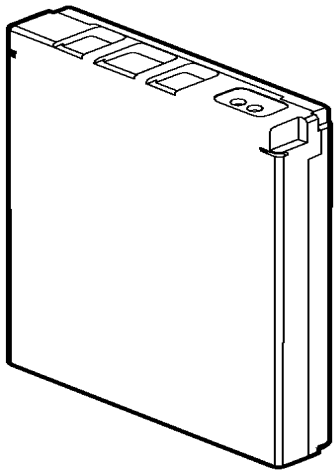
# BLB-2 Standard Battery

The BLB-2 is a Li-ion type battery in a white plastic package.

## Product Code

Battery pack BLB-2:*0271570*

**Figure 1:** View of the BLB-2 Standard Battery

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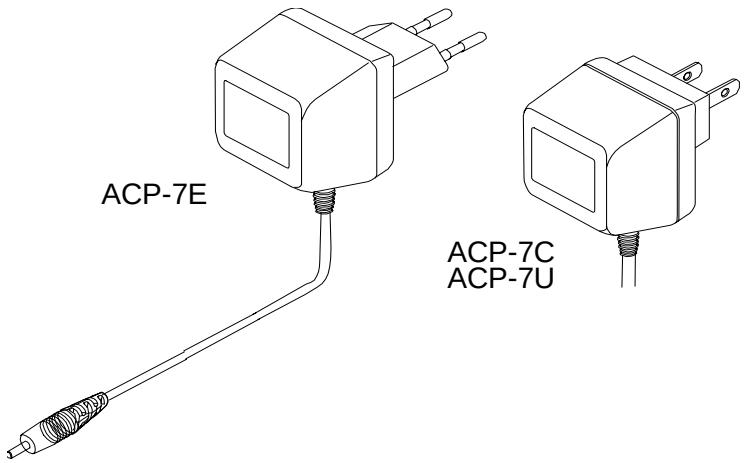
# ACP-7 Standard Charger

The standard charger is available for different voltage levels and comes with different wall plugs. The standard charger can also be used as a power supply for the desktop stand.

**Figure 2: View of the ACP-7 Standard Charger**




## Product Codes

| | |
|---|---|
| Standard Charger (Europlug) 207-253 Vac | ACP-7E *0675144* |
| Standard Charger (USplug) 108-132 Vac | ACP-7U *0675143* |
| Standard Charger (USplug) 198-242 Vac | ACP-7C *0675158* |

## Specification

| | |
|---|---|
| Output connectors: | *3.5 mm DC plug, 2-pole* |
| Protection: | PTC protection |
| Output Voltage /Current (typ) | 7.6 V / 370 mA |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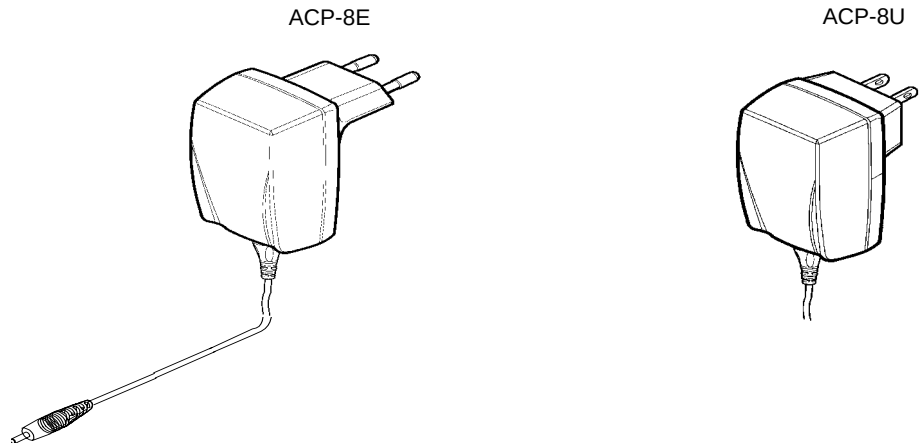
# ACP-8 Travel Charger

Operating within the voltage range 90 V...264 V AC (50 Hz...60 Hz), the Performance Travel Charger is practically current independent in normal office and household use. Like the standard charger, it is available for different wall sockets.

The Travel Charger can also be used with the desktop stand.

**Figure 3: View of the ACP-8 Travel Charger**




## Product Codes

| | | |
|---|---|---|
| ACP-8E | Travel Charger Euro plug 90-264 Vac | *0675195* |
| ACP-8U | Travel Charger US plug 90-264 Vac | *0675196* |

## Specification

Output connectors: *3.5 mm DC plug, 2-pole (+, -, control)*

Protection: *Output fault voltage 16 V max.*

Output voltage/current (typ): *6.0 V (+0.3 V)/ 620 mA*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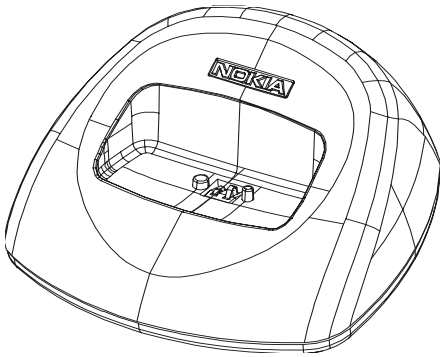
# DCD-1 Desktop Stand

The desktop stand provides a convenient way to charge the phone in the upright position on a table.

**Figure 4: View of the DCD-1 Desktop Stand**




## Product Code

DCD-1 Desktop stand: *0272865*

## Specification

Connections: *3.5 mm DC jack (ACP-7 or ACP-8)*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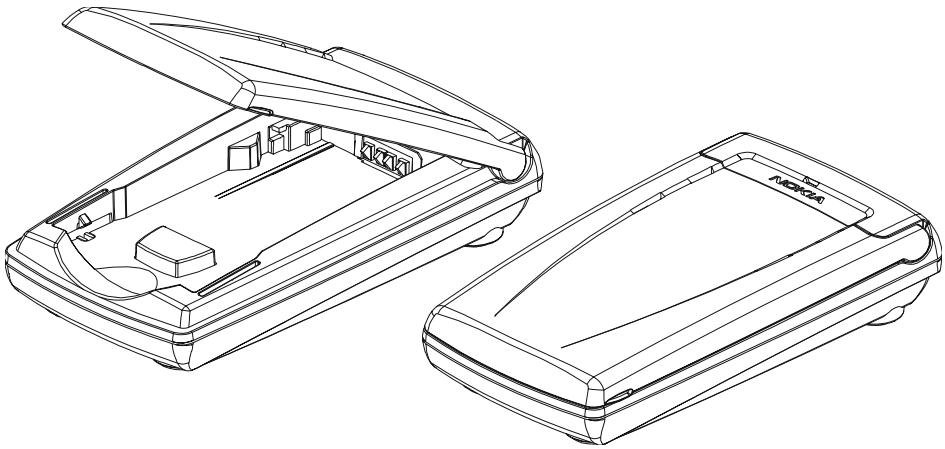
# DDC-1 Battery Charging Stand

The DDC-1 Battery Charging Stand provides users the possiblity of charging a spare battery .

**Figure 5: View of the DDC-1 Battery Charging Stand**



## Product Code

DDC-1 Battery Charging Stand: *0272418*

## Specifications

Connections: 3.5 mm DC jack (ACP-7 or ACP-8)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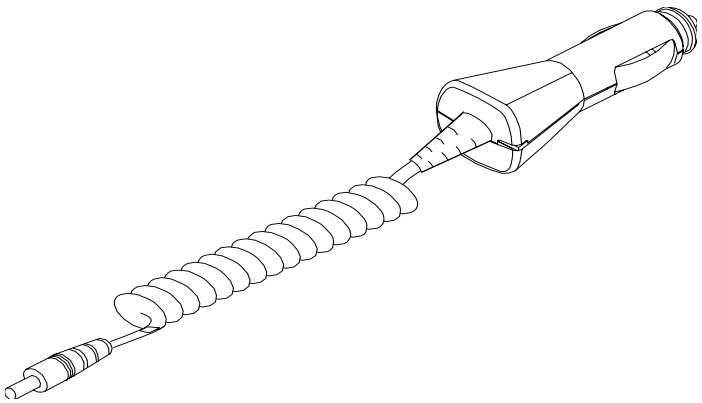
# LCH-9 Mobile Charger

A green light indicates that the cigarette lighter charger is ready for charging. Check the charging status on the phone display. The input voltage can be from 11 or 32 V DC, negative grounding.

**Figure 6: View of the LCH-9 Mobile Charger**



## Product Code

LCH-9 Mobile charger: *0675120*

## Specification

Connectors

- input: *D 21/23 mm*
- output: *3.5 mm DC plug*

Protection: *input fused, output current limit 850 mA*

Voltage

- input: *11...32 V*
- output (nominal): *8.4 V*

Nominal output current: *800 mA*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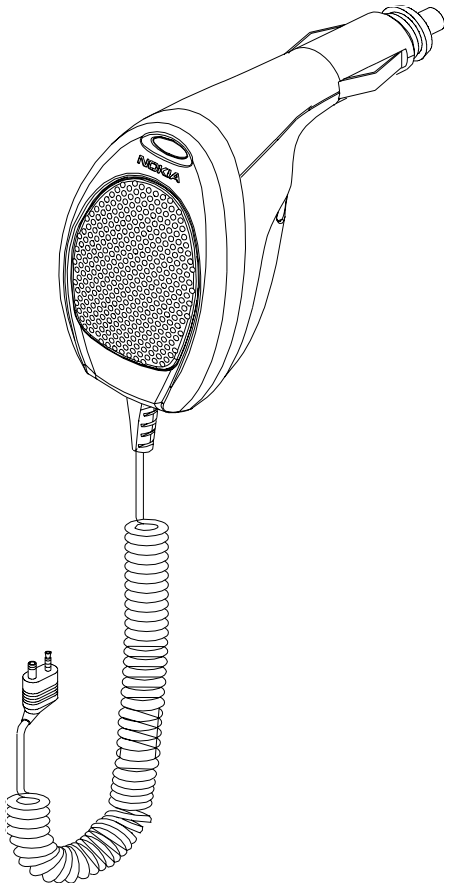
# PPH-1 Plug-in HF Car Kit

The PPH-1 provides rapid charging for the phone and possibility for HF operation. The PPH-1 plug and play handsfree unit is connected directly to the cigarette lighter in a car. PPH-1 is connected to the mobile phone with the cable. The cable has combined connector with charger- and headset connectors.

**Figure 7: View of PPH-1 Plug-in HF Car Kit**




## Product Code

Headset PPH-1: *0272170*

## Specification

| | |
|---|---|
| Output connectors: | 3.5 mm DC plug, 2-pole (+, -, control) |
| Input voltage: | 8-16VDC |
| Protection: | Output fault voltage 16 V max. |
| Output current: | 750 mA max. |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# MBD-10 Mobile Holder

The MBD-10 Mobile Holder is used in vehicle to hold the phone. Attaching can be done using a swivel or mounting plate.

**Figure 8: View of the MBD-10 Mobile Holder**

## Product Code

Mobile Holder MBD-10: *0272866 Eur/Afr*

*0273412 APAC*


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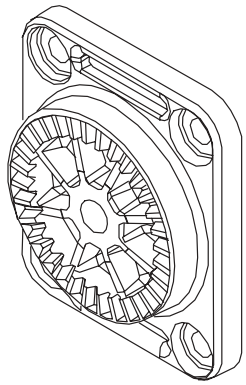
# MKU-1 Mounting Plate

The MKU–1 mounting plate provides a method of fixing the MBD-10 Mobile Holder to the vehicle interior.

## Product Code

MKU-1 Mounting plate: *0620036*

**Figure 9: View of the MKU-1 Mounting Plate**

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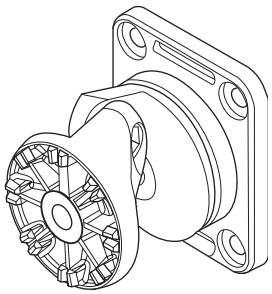
# HHS-9 Swivel Mount

The HHS–9 swivel mounting plate provides an alternative (to MKU–1) method of fixing the MBD-10 Mobile Holder.

## Product Code

Swivel mounting plate HHS–9: *0620037*

**Figure 10: View of the HHS-9 Swivel Mount**

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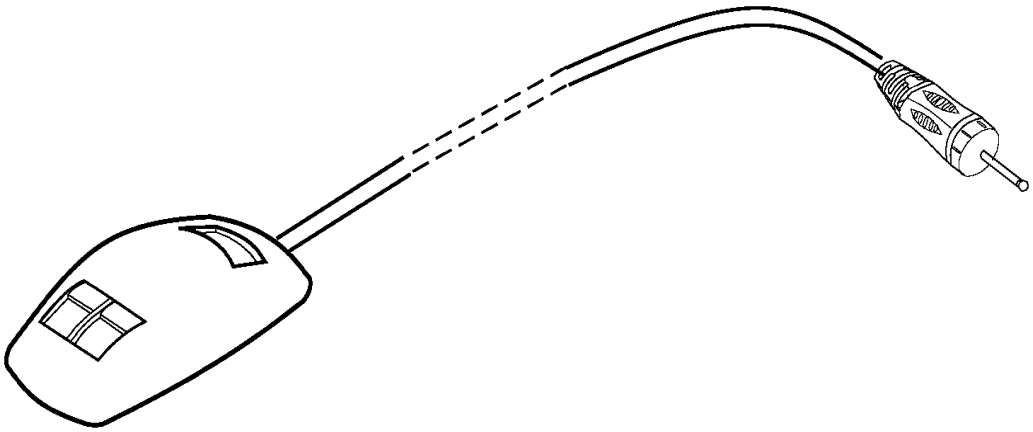
# HFM-8 Handsfree Microphone

The HFM-8 microphone can be used together with PPH-1 Plug-in Car Kit.

## Product Code

HFM-8 Handsfree Microphone: *0271503*

**Figure 11: View of the HFM-8 Handsfree Microphone**

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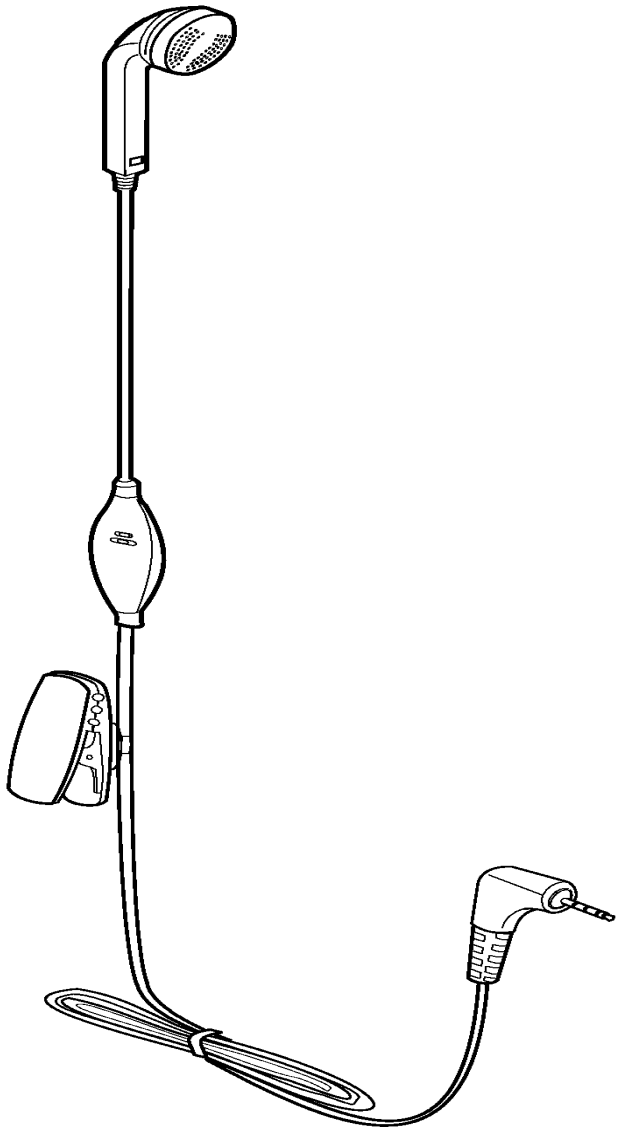
# HDC-5 Headset

The HDC-5 headset also provides a hook switch for the answer/end call button.

## Product Code

Headset HDC-5: *0271467*

**Figure 12: View of the HDC-5 Headset**

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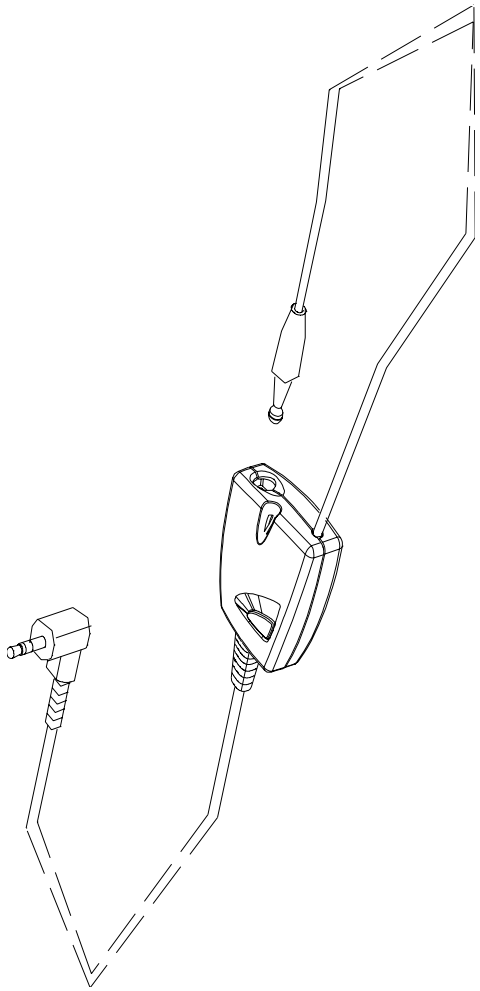
# LPS-3 Loopset

The LPS-3 Loopset has been developed for hearing aid users to allow them to use mobile phones. It is based on induction technology.

All hearing aids have support for induction loop, that is, they have a little tele-coil inside. This coil can capture the signal supplied to the loop. Standard hearing aids have two operation modes: (1) the M-mode for normal microphone use and (2) the T-mode for tele-coil.

**Figure 13: View of the LPS-3 Loopset**



## Product Code

Loopset LPS-3: *0630244*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## Recommended Batteries

Table 1: Recommended Batteries

| **Type** | **Size / IEC-type** | **Rated capacity** | **Talk time** (3mA load) | **Standby** (20uA load) |
|---|---|---|---|---|
| Zinc Air Hearing Aid Battery | 675 / PR44 | 540 mAh | 180 hours | 840 hours or 35 days (1) |
| Silver Oxide Hearing Aid Battery | 675 / SR44 | 150 mAh | 50 hours | 7 500 hours or 310 days |
| Alkaline Battery | 675 / LR44 | 110 mAh | 36 hours | 5 500 hours or 230 days |

*Note: The capacity of the zinc air battery will fall 20% in a month. After the activation, the zinc air battery begins to self-discharge. The battery will be empty within 5 weeks.*


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